Nidhi Tattur Aravinda Kumar

408-674-7927 | nidhi07.arvind@gmail.com | Linkedin: nidhiaravindkumar | Github: nidhi07arvind

Education:

MS in Software Engineering, San Jose State University, CA **GPA: 3.4 Aug 2020 (expected)**
Relevant Coursework: *Enterprise Distributed Systems, Database Management System, Data Structures with C++, Enterprise Software Platforms, Operating Systems, Enterprise Application Development and Large-Scale Analytics.*
BE in Electronics and Communication, Sri JayaChamarajendra College of Engineering, India **GPA: 8.92/10 Aug 2014**

Technical Skills:

Programming Languages: JAVA, JavaScript, Python, C++, PHP, HTML5, CSS, Docker.
Database : MS SQL, MySQL, Mongo DB.
Web Technologies : Node.js, ReactJS, Express.js, Bootstrap, Graph QL.
Technologies worked on : Amazon AWS, KAFKA, Salesforce, Service Cloud, MuleSoft, SOAP & REST webservices, Spring Boot, AOP, JPA.
Tools and Methodologies : Visual Studio, Eclipse, VS Code, IntelliJ, Agile Development, SCRUM, Jira.

Professional Experience:

Incoming Software Developer Intern at Aruba Networks, HPE. **May 2020 - Aug 2020**
QA Engineer II | Service Cloud team | Akamai Technologies, India **May 2016 – Dec 2018**

- Tested a diverse array of enterprise class applications for on-cloud as well as on-premise.
- Worked on testing **Salesforce Service Cloud** application, a CRM software. Also, tested its behavior with parallel systems like **Siebel, Certificate Provisioning System** and **MuleSoft.**
- Developed a near real-time application based on publisher subscriber model to automate data exchange between **Akamai and Microsoft Azure**. **IBM Cast Iron** (ETL tool) for bulk data integration between multiple data sources.
- Tested **Salesforce Live Agent**, a native tool to provide ability to communicate in real-time with website users.

Member of Technical Staff | Mobility Device Management team | VMWare AirWatch, India Jul 2014 – May 2016

- Tested AirWatch application responsible for delivering Enterprise Ready solutions to configure, secure, monitor and manage Android, Windows Mobile, iOS devices through native apps and mobile cloud apps.
- Tested Client/Server and Web based applications in **Enterprise Mobility Management** space.

Academic Projects:

Prototype of Grubhub Application| MERN stack

- Designed a web app based on **MVC** design pattern. It is a modular, multi-view, secure, **single page application (SPA)**.
- Implemented user role based restricted access to data and functionalities using hashed passwords with **error handling**.
- Owners can sign in/sign up. Add and update the menu. Update profile. Upload media files. Manage orders.
- Buyers can sign in/sign up. Search for restaurants, add cuisine from any restaurant to the cart and check out the order.
- Database was created on both MySQL and MongoDB Atlas. Pub-Sub messaging system using **Kafka**.
- Deployed the application on AWS using docker and tested using JMeter and Mocha.

Technologies: **Node.js, Express.js, MongoDB, Kafka, Redis, ReactJS, JMeter, Mocha, Docker, AWS, JavaScript, JWT.**

Prototype of AirBnb | Java | Spring Boot | Hibernate

- Designed and developed a distributed, stripped down version of Airbnb with SOA architecture and hosted it in AWS.
- OAuth/Google/Facebook login. User Role based access to hosts and guests. Hosts can post multiple properties with images. Guests can search and book places for a duration.
- Bookings can be cancelled by both hosts and guests with penalties calculated from the cancellation date.
- Time advancement feature to test advance booking and pre-cancellation.
- Implemented Monthly/annual billing report. Customer reviews and average ratings.

Technologies: **Java, Spring Boot, AOP, JPA, ReactJS, MySQL, Google Maps, AWS.**

Cross Domain Enterprise Online Marketplace | PHP | MySQL | JavaScript | Bootstrap | HTML/CSS

- Designed and developed a cross-domain online marketplace having multiple websites and single sign-on.
- A user of the system can see all products, last visited products, the top five most-visited products from all websites as well as the top five products of each website within the marketplace. Users can give ratings and reviews.
- Hosted website on Amazon EC2 Ubuntu instance. Frontend was implemented using HTML5/CSS and Backend using PHP. Configured MySQL database to maintain the website.